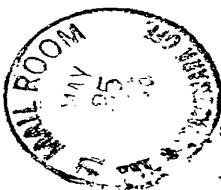


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ABSTRACT OF DISCLOSURE

The present invention relates to the intron and exon structure of the gene encoding $\beta 3$ adrenergic receptor polypeptides of mouse and human origin, which polypeptides are useful in a procedure for studying the effects of various chemical agents on the $\beta 3$ adrenergic receptor coupled to adenylate cyclase and hormone-sensitive lipases.